

WHAT IS CLAIMED IS:

1. A polymer composite comprising at least one, optionally  
hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML  
5 1+4 @ 100°C) below 30, at least one filler and optionally at least  
one cross-linking agent.
2. A polymer composite according to Claim 1, wherein the polymer  
Mooney viscosity (ML 1+4 @ 100°C) is below 20.  
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3. A polymer composite according to Claim 1, wherein the polymer  
Mooney viscosity (ML 1+4 @ 100°C) is below 10.
4. A polymer composite according to Claim 1, wherein the polymer  
15 composite further comprises a peroxide, resin or sulfur curing  
system.
5. A process for preparing a polymer composite according to Claim 1,  
comprising mixing at least one, optionally hydrogenated, nitrile  
20 rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C)  
below 30, at least one filler and optionally at least one cross-linking  
agent.
6. A process for the manufacture of a shaped article comprising the  
25 step of injection molding a polymer composite comprising at least  
one, optionally hydrogenated, nitrile rubber polymer having a  
Mooney viscosity (ML 1+4 @ 100°C) below 30, at least one filler  
and at least one cross-linking agent.

7. A process according to Claim 6, wherein the shaped article is seal, gasket, belt, hose, bearing pad, stator, well head seal, valve plate, cable sheathing, wheel, roller, in place gaskets or pipe seal.
- 5 8. A process for the manufacture of a shaped article comprising the step of liquid injection molding a polymer composite comprising at least one, optionally hydrogenated, nitrile rubber polymer having a Mooney viscosity (ML 1+4 @ 100°C) below 10, at least one filler and at least one cross-linking agent.
- 10 9. A process according to Claim 8, wherein the shaped article is seal, gasket, belt, hose, bearing pad, stator, well head seal, valve plate, cable sheathing, wheel, roller, in place gaskets or pipe seal.